

1-6



FIG. 1A.



FIG. 1B.

2-6



FIG. 2A.

MALE
FEMALE
C P

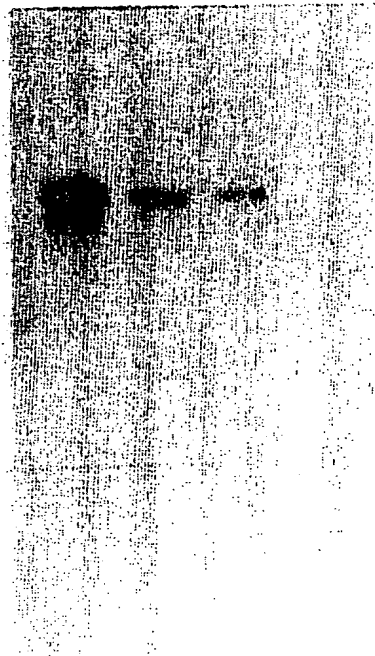


FIG. 2B.

MALE
FEMALE
C P

Kb
- 9.5 -
- 7.5 -
- 4.4 -
- 2.4 -
- 1.4 -
- .24 -

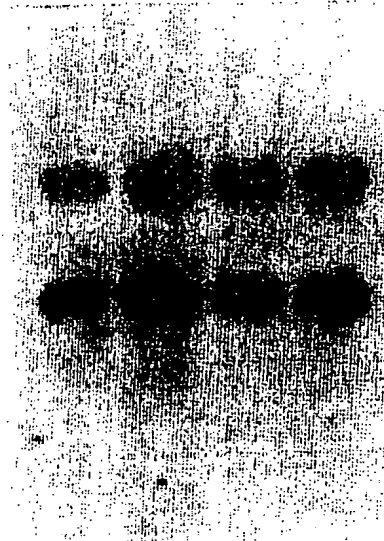


FIG. 3.

-----pRepro-PC-1.0

-----p5-1

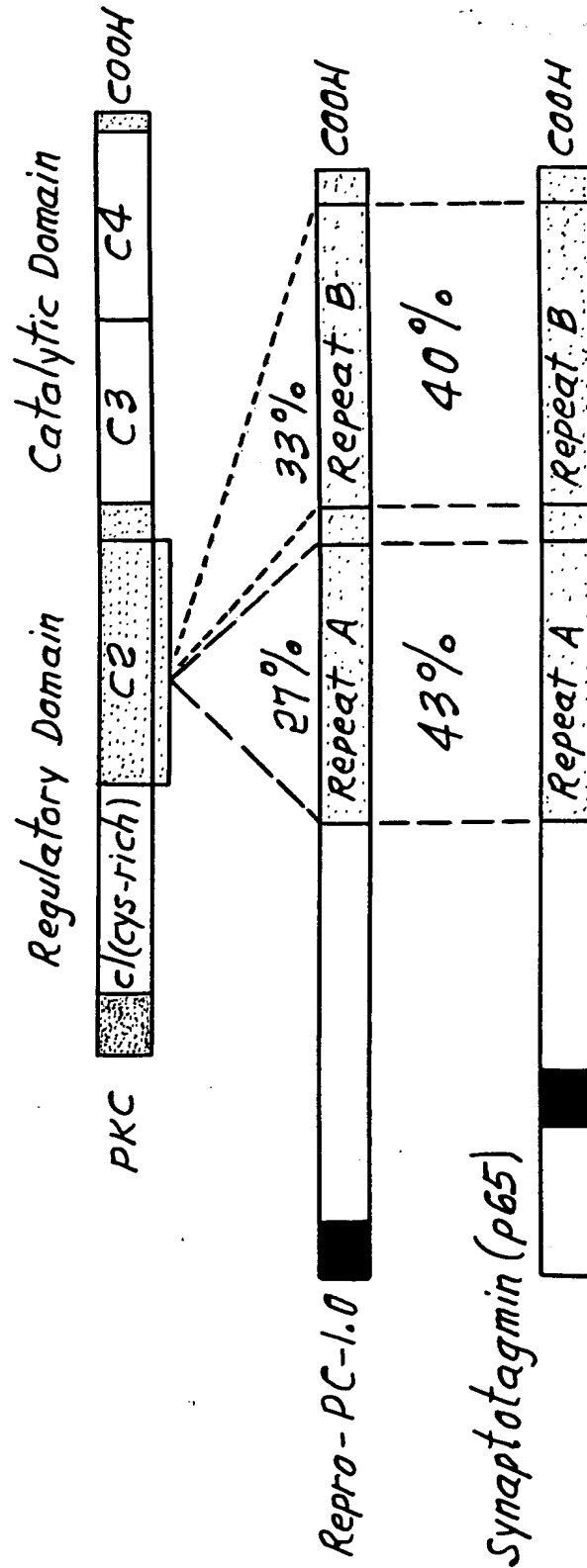
-----ps5

3-6



1Kb

FIG. 4.



5-6

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PC1 : 1 MAPITTSREEFDEIPTVVGIFSAFGLVFTVSLFAWICCCORRSAKSNKTPPYKFVHVLKGV 60
SYT4: 1 MAPITTSRVEFDEIPTVVGIFSAFGLVFTVSLFAWICCCORRSAKSNKTPPYKFVHVLKGV 60

61 DIYPENILNSKKKFGADDKNEVKNKPAVPKNSLHLDLEKRDINGNFPKTNLKPSPDLN 120
SYT4: 61 DIYPENILSSKKKFGDDKSEAKRAALPNLSLHLDLEKRDINGNFPKTNPKAGSSDLEN 120

121 ATPKLFLEGEKESVSPESLKSSTSLTSEEKQEKLTGTLFFSLEYNFERKAFVWNKEARGL 180
SYT4: 121 VTPKLFPETEKEAVSPESLKSSTSLTSEEKQEKLTGTLFLSLEYNFEKKAFAVWNKEAQGL 180

181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPAFDETFTFYGIPYTIQIOELALHF 240
SYT4: 181 PAMDEQSMTSDPYIKMTILPEKKHKVKTRVLRKTLDPVFDETFTFYGVYPYPHIQELSLHF 240

241 TILSFDRFRSDDIIGEVLPIPLSGIELSEGKMLMNRREIIRKNVRKSSGRGELLISLCYQST 300
SYT4: 241 TVLSFDRFRSDDVIGEVLVPLSGIELSDGKMLMTREIIRKNACKSSGRGELLVSLCYQST 300

301 TNTLTVVVLKARLHPKSDVSLSDPYVKVNLVYHAKKRISKKTHVKCTPNVFNELFVF 360
SYT4: 301 TNTLTVVVLKARLHPKSDVSLSDPYVKVNLVYHAKKRISKKTHVKCTPNVFNELFVF 360

361 DIPCEGLEDISVEFLVLDSEGRSRNEVIGQLVLGAAAEGTGGEHWKEICDYPRRQIAKWH 420
SYT4: 361 DIPCESLEEISVEFLVLDSEGRSRNEVIGRLVLGATAEGSGGHWKEICDFPRRQIAKWH 420

421 VLCDG 425
SYT4: 421 MLCDG 425

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PKC-C2      154 ENVPSLGGDHTERRGRRIYLEINVKENLLTVQIKEGRNL-IPMDPNGLSDPYVKVKLIPDD
Repro-PC-1.0 "B" 276 EIIKRNVRKSSGRGELLISLCYQSTINTLTVVVLKARHL-PKSDVSGLSDPYVKVNLVYHAK
SYNAPTOTAGMIN "B" 268 ---KEE---QEKLGDICFSRLRYVPTAGKLTVVILEAKNL-KKMDVGGLSDPYVKIHLMQNG
SYNAPTOTAGMIN "A" 134 ---KEEPKEEEKLGLQYSLDYDFQNNQLLVGIIQAELPA-LDMGGTSDPYVK---VFL
Repro-PC-1.0 "A" 150 -----KQEKLGTLFFSLEYNFERKAFVNNIKEARGLPAAMDEQSMTSDPYIK----MTI

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PKC-C2	214	KDQSKK	- - TRTTKACLN	PWNE - -	TLTYDLKPEDKRRIL	IEVWDWDR	TSRND	FMGALSF
Repro-PC-1.0 "B"	336	KRISKKK	- - THVKKCTP	NAVNELFVF -	DIPCEGLE	DISVEF	VLDSER	GSNEVIG - - QL
SYNAPTOTAGMIN "B"	322	KRLKKKK	- - TTIKKNTLN	PYNESFSF -	EVFFEIQKVQVV	TVLDYDK	IGKND	AI - - KV
SYNAPTOTAGMIN "A"	187	LPDKKKK	FETKVHRKTL	NPVNEQFTF -	KVPYSELGGKTL	VMAVYD	DRFSKhd	IIIGEFKV
Repro-PC-1.0 "A"	199	LPEKKHKV	KTRVLRKTL	DPAFDETF	TFYGIPTQIQEL	ALHFTIL	SDFRSDD	IIIGEVLI

PKC-C2 271

Repro-PC-1.0 "B" 392 VLGAA

SYNAPTOTAGMIN "B" 378 FVGYN

SYNAPTOTAGMIN "A" 247 PMNTVDF

Repro-PC-1.0 "A" 260 PLS

FIG. 6.